

SEQUENCE LISTING

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<110> FUJII, Tadashi
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      NAKATA, Kuniho
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      TSUNEKAWA, Hiroshi
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      YOSHIOKA, Takeo
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CH CONT

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C4 Cont

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C4 cont

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<220>

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<221> modified_base
<222> (12)
<223> i
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<221> modified_base
<222> (15)
<223> i
<220>
<221> base
<222> (17)
<223> r = g or a
<220>
<221> modified base
<222> (18)
<223> i
<220>
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<221> modified base

```
<222> (21)
<223> i
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<221> modified base
<222> (24)
<223> i
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<221> base
<222> (26)
<223> r = g or a
<220>
<221> modified base
<222> (27)
<223> i
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<221> modified base
<222> (30)
<223> i
<220>
<223> Description of Artificial Sequence: DNA PRIMER
<400> 9
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congertqnq encquarnqq ngcnarnqqn qc
<210> 10
<211> 510
<212> PRT
<213> Flavobacterium lutescens
<400> 10
Met Ser Phe Glu Leu Lys Ala Leu Gly Leu Asp Ala Thr Asn Ser
Gly Thr Tyr Leu Gly Asp Gly Glu Trp Ser Ser Ala Thr Gly Ala Gly
Thr Ile Ser Pro Arg Asn Pro Thr Thr Gly Glu Val Ile Ala Gln Val
         35
                             40
Gln Ala Thr Thr Glu Ala Asp Tyr Glu Thr Ile Leu Ala Arg Ala Gln
Gln Ala Phe Lys Val Trp Arg Thr Thr Pro Ala Pro Arg Arg Gly Glu
 65
Ala Ile Arg Leu Cys Gly Glu Ala Leu Arg Arg His Lys Asp Ala Leu
Gly Ser Leu Val Ala Leu Glu Met Gly Lys Ser Lys Pro Glu Gly Asp
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105 110 100 Gly Glu Val Gln Glu Met Ile Asp Ile Ala Asp Phe Ala Val Gly Gln 120 Ser Arg Met Leu Tyr Gly Tyr Thr Met His Ser Glu Arg Pro Gly His 135 Arg Met Tyr Glu Gln Tyr Gln Pro Leu Gly Ile Val Gly Ile Ile Ser Ala Phe Asn Phe Pro Val Ala Val Trp Ala Trp Asn Ser Phe Leu Ala Ala Ile Cys Gly Asp Val Cys Ile Trp Lys Pro Ser Asn Lys Thr Pro Leu Thr Ala Ile Ala Ser Met Arg Ile Cys Asn Glu Ala Leu Arg Glu Gly Gly Phe Pro Asp Ile Phe Phe Leu Ile Asn Asp Ala Gly Thr Ala 215 Leu Ser Glu Lys Leu Val Glu Asp Lys Arg Val Pro Leu Ile Ser Phe 235 Thr Gly Ser Thr Gln Val Gly Arg Ile Val Asn Gln Lys Val Ala Ala Arg Leu Gly Arg Cys Leu Leu Glu Leu Gly Gly Asn Asn Ala Ile Ile Leu Asp Glu Thr Ala Asp Leu Lys Leu Ala Val Pro Gly Ile Val Phe Gly Ala Val Gly Thr Ala Gly Gln Arg Cys Thr Thr Thr Arg Arg Leu 295 Ile Val His Glu Ser Ile Tyr Asp Asn Val Leu Ala Thr Leu Ile Lys 310 315 Ala Tyr Lys Gln Val Glu Gly Lys Ile Gly Asp Pro Leu Asp Ala Ala 330 Asn Leu Met Gly Pro Leu Asn Ser Pro Glu Ala Val Gln Gln Phe Leu Ala Ser Ile Glu Lys Ala Lys Ala Ala Gly Gly Thr Val Gln Thr Gly Gly Thr Ala Ile Asp Arg Pro Gly Asn Phe Val Leu Pro Ala Ile Val Thr Gly Leu Lys Asn Ser Asp Glu Val Val Gln His Glu Thr Phe Ala 395

Pro Ile Leu Tyr Val Met Lys Tyr Ser Thr Leu Asp Glu Ala Ile Glu

Met Gln Asn Gly Val Pro Gln Gly Leu Ser Ser Ser Ile Phe Thr Thr Asn Leu Lys Ala Ala Glu Lys Phe Leu Ser Ala Ala Gly Ser Asp Cys Gly Ile Ala Asn Val Asn Ile Gly Thr Ser Gly Ala Glu Ile Gly Gly Ala Phe Gly Gly Glu Lys Glu Thr Gly Gly Gly Arg Glu Ser Gly Ser Asp Ala Trp Lys Val Tyr Met Arg Arg Gln Thr Asn Thr Ile Asn Tyr Ser Asp Ser Leu Pro Leu Ala Gln Gly Ile Lys Phe Asp Leu